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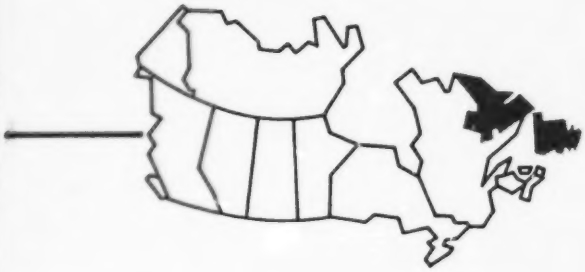
Checklist of the Vascular Specimens in the Newfoundland Forestry Centre Herbarium (CDFN)

S.M. Morgan

Information Report N-X-245
Newfoundland Forestry Centre



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CHECKLIST OF THE VASCULAR SPECIMENS IN THE NEWFOUNDLAND FORESTRY CENTRE HERBARIUM (CDFN)

by S.M. Morgan

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ABSTRACT

A checklist (to June 1986) is presented of all the vascular plants deposited in the herbarium at the Newfoundland Forestry Centre (CDFN). The collection contains 2,398 specimens comprising 78 families, 264 genera and 661 species. The geographical origin of specimens is indicated.

RÉSUMÉ

Une liste (à jour jusqu'en juin 1986) est présentée de tous les échantillons de plantes vasculaires gardés à l'herbarium du Centre de foresterie de Terre-Neuve (CDFN). La collection renferme 2 398 spécimens représentant 78 familles, 264 genres et 661 espèces. L'origine géographique des spécimens est indiquée.

CHECKLIST OF THE VASCULAR SPECIMENS IN THE NEWFOUNDLAND FORESTRY CENTRE HERBARIUM (CDFN)

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INTRODUCTION

The plant herbarium at the Newfoundland Forestry Centre was initiated in 1956 and has been given the international acronym CDFN through the Index Herbarium. In 1982 an inventory of the collection was completed. Damaged specimens were either removed or repaired. The accessions list for the collection was computerized to facilitate both use and rapid future updating.

The vascular collection is comprised mainly of specimens collected in Newfoundland and Labrador, but also includes some Canadian and European representatives which have been acquired through exchange.

The sequence of families in this checklist follows Fernald (1970). Within individual families, specimens are listed alphabetically by genus. The total number of specimens of each species (n) is shown after the species name. Three columns are provided to show the collection area (N = Newfoundland, L = Labrador, O = other Canadian/European specimens acquired through exchange), and the number of specimens from each area. Some hybrids and unidentified species are included, as they are few in number and had been previously accessioned. Alphabetical indices of both families and genera are included at the end of the checklist.

CHECKLIST

	n	N	L	O
EQUISETACEAE				
Equisetum arvense L.	(2)	2	0	0
E. arvense L. var. *boreale* (Bong.) Ledeb.	(1)	1	0	0
E. fluviatile L.	(3)	2	1	0
E. fluviatile L. forma *Linnaeanum* (Doll) Broun	(1)	1	0	0
E. pratense Ehrh.	(3)	3	0	0
E. scirpoides Michx.	(5)	5	0	0
E. sylvaticum L.	(7)	4	3	0
E. variegatum Schleich.	(1)	1	0	0
LYCOPODIACEAE				
Lycopodium alpinum L.	(2)	0	2	0
L. annotinum L.	(3)	1	2	0
L. annotinum L. var. *pungens* (LaPylaie) Desv.	(4)	3	1	0
L. clavatum L.	(4)	3	1	0
L. complanatum L.	(5)	5	0	0
L. inundatum L.	(4)	4	0	0
L. lucidulum Michx.	(3)	3	0	0
L. obscurum L.	(4)	3	1	0
L. sabinaefolium Willd.	(2)	2	0	0
L. sabinaefolium Willd. var. *sitchense* (Rupr.) Fern.	(5)	4	1	0
L. selago L.	(4)	4	0	0
L. selago L. var. *appressum* Desv.	(1)	0	1	0
L. selago L. var. *patens* (Beauv.) Desv.	(1)	1	0	0
L. tristachyum Pursh	(3)	2	1	0
SELAGINELLACEAE				
Selaginella selaginoides (L.) Link	(1)	1	0	0
ISOETACEAE				
Isoetes muricata Dur.	(1)	1	0	0
I. Tuckermani A. Br.	(1)	1	0	0

	n	N	L	O
OPHIOGLOSSACEAE				
Botrychium Lunaria (L.) Sw.	(1)	1	0	0
B. matricariaefolium A. Br.	(1)	1	0	0
B. virginianum (L.) Sw. var. *europaeum* Angstr.	(1)	1	0	0
OSMUNDACEAE				
Osmunda cinnamomea L.	(5)	4	1	0
O. regalis L.	(3)	3	0	0
SCHIZAEACEAE				
Schizaea pusilla Pursh	(11)	11	0	0
POLYPODIACEAE				
Adiantum pedatum L.	(3)	3	0	0
Asplenium viride Huds.	(4)	4	0	0
Athyrium alpestre (Hoppe) Rylands	(1)	1	0	0
A. Filix-femina (L.) Roth	(10)	7	2	1
A. Filix-femina (L.) Roth var. *Michauxii* (Spreng.) Farw. forma *Laurentianum* (Butters) Fern.	(1)	1	0	0
A. Filix-femina (L.) Roth var. *Michauxii* (Spreng.) Farw. forma *rubellum* (Gilbert) Farw.	(1)	1	0	0
Cheilanthes siliquosa Maxon	(1)	0	0	1
Cystopteris bulbifera (L.) Bernh.	(1)	1	0	0
C. fragilis (L.) Bernh.	(6)	6	0	0
C. fragilis (L.) Bernh. var. *laurentiana* Weath.	(1)	1	0	0
Dennstaedtia punctilobula (Michx.) Moore	(2)	1	0	1
Dryopteris campyloptera (Kunze) Clark.	(3)	3	0	0
D. cristata (L.) Gray	(3)	2	0	1
D. disjuncta (Ledeb.) C.V. Mort.	(2)	2	0	0
D. Filix-mas (L.) Schott	(1)	1	0	0
D. fragrans (L.) Schott var. *remotiuscula* Komarov	(1)	1	0	0
D. marginalis (L.) Gray	(1)	1	0	0
D. noveboracensis (L.) Gray	(3)	3	0	0
D. Phegopteris (L.) Christens	(10)	8	2	0

	n	N	L	O
POLYPODIACEAE (Concl'd.)				
Dryopteris Robertiana (Hoffm.) Christens	(1)	1	0	0
D. spinulosa (O.F. Muell.) Watt.	(11)	7	4	0
D. spinulosa (O.F. Muell.) Watt. var. *americana* (Fisch.) Fern.	(10)	10	0	0
D. spinulosa (O.F. Muell.) Watt. var. *intermedia* (Muhl.) Underw.	(11)	11	0	0
D. spinulosa hybrid	(1)	1	0	0
Onoclea sensibilis L.	(5)	5	0	0
Polypodium virginianum L.	(6)	6	0	0
P. vulgare L.	(1)	1	0	0
Polystichum Braunii (Spenner) Fee	(1)	0	1	0
P. Braunii (Spenner) Fee var. *Purshii* Fern.	(1)	1	0	0
P. Lonchitis (L.) Roth	(2)	2	0	0
Pteretis pensylvanica (Willd.) Fern.	(1)	1	0	0
Pteridium aquilinum (L.) Kuhn	(3)	3	0	0
P. aquilinum (L.) Kuhn var. *latiusculum* (Desv.) Underw.	(2)	2	0	0
Woodsia alpina (Bolton) S.F. Gray	(1)	1	0	0
TAXACEAE				
Taxus canadensis Marsh.	(4)	3	1	0
PINACEAE				
Abies balsamea (L.) Mill.	(2)	2	0	0
Juniperus communis L. var. *depressa* Pursh	(2)	2	0	0
J. communis L. var. *saxatilis* Pallas	(4)	4	0	0
J. horizontalis Moench	(4)	4	0	0
Larix laricina (Du Roi) K. Koch.	(2)	2	0	0
Picea mariana (Mill.) B.S.P.	(2)	2	0	0
SPARGANIACEAE				
Sparganium americanum Nutt.	(6)	6	0	0
S. angustifolium Michx.	(2)	2	0	0
S. hyperboreum Laestad.	(4)	4	0	0
S. minimum (Hartm.) Fries	(1)	1	0	0

	n	N	L	O
ZOSTERACEAE				
Potamogeton amplifolius Tuckerm.	(1)	1	0	0
P. filiformis Pers.	(1)	1	0	0
P. gramineus L.	(2)	2	0	0
P. natans L.	(3)	3	0	0
P. Oakesianus Robbins	(6)	6	0	0
P. oblongus Viviani	(1)	1	0	0
P. perfoliatus L.	(2)	2	0	0
JUNCAGINACEAE				
Scheuchzeria palustris L.	(3)	2	1	0
S. palustris L. var. *americana* Fern.	(1)	1	0	0
Triglochin maritima L.	(10)	10	0	0
T. palustris L.	(2)	2	0	0
ALISMATACEAE				
Sagittaria graminea Michx.	(1)	1	0	0
GRAMINEAE				
Agropyron trachycaulum (Link) Malte var. *glaucum* (Pease & Moore) Malte	(1)	0	1	0
A. trachycaulum (Link) Malte var. *novae-angliae* (Scribn.) Fern.	(1)	0	1	0
Agrostis alba L.	(3)	3	0	0
A. geminata Trin.	(4)	4	0	0
A. scabra Willd.	(4)	4	0	0
A. tenuis Sibth.	(2)	2	0	0
Alopecurus geniculatus L.	(1)	1	0	0
Ammophila breviligulata Fern.	(2)	1	1	0
Anthoxanthum odoratum L.	(3)	3	0	0
Avena fatua L.	(1)	1	0	0

	n	W	L	O
GRAMINEAE (Cont'd.)				
Brachyelytrum erectum (Schreb.) Beauv.	(2)	2	0	0
Bromus Dudleyi Fern.	(4)	4	0	0
Calamagrostis canadensis (Michx.) Nutt.	(5)	5	0	0
C. inexpansa Gray	(2)	2	0	0
C. inexpansa Gray var. *brevoir* (Vasey) Stebbins	(8)	6	1	1
C. lacustris (Kearney) Nash	(1)	1	0	0
C. Pickeringii Gray	(4)	4	0	0
Cinna latifolia (Trev.) Griseb.	(1)	1	0	0
Danthonia spicata (L.) Beauv.	(2)	2	0	0
Deschampsia cespitosa (L.) Beauv.	(1)	0	0	1
D. cespitosa (L.) Beauv. var. *glauca* (Hartm.) Lindm.	(1)	1	0	0
D. flexuosa (L.) Trin.	(7)	7	0	0
D. flexuosa (L.) Trin. var. *montana* (L.) Ledeb.	(2)	2	0	0
Elymus arenarius L. var. *villosus* Mey.	(5)	3	2	0
E. virginicus L. var. *halophilus* (Bickn.) Wieg.	(1)	1	0	0
Festuca ovina L.	(1)	1	0	0
F. rubra L.	(6)	6	0	0
F. rubra L. var. *juncea* (Hack.) Richter	(1)	1	0	0
F. scabrella Torr.	(1)	0	0	1
Glyceria canadensis (Michx.) Trin.	(2)	2	0	0
G. fluitans (L.) R. Br.	(1)	1	0	0
G. striata (Lam.) Hitchc.	(2)	2	0	0
Hierochloe alpina (Sw.) R. & S.	(4)	2	1	1
H. odorata (L.) Beauv.	(3)	2	1	0
Milium effusum L. cf.	(1)	1	0	0
Muhlenbergia glomerata (Willd.) Trin.	(2)	2	0	0
M. glomerata (Willd.) Trin. var. *cinnoides* (Link.) F.J. Herm.	(2)	1	1	0
Nardus stricta L.	(2)	2	0	0
Oryzopsis asperifolia Michx.	(3)	3	0	0
Panicum boreale Nash	(2)	2	0	0
Phalaris arundinacea L.	(2)	2	0	0
Phleum alpinum L.	(3)	2	1	0
P. pratense L.	(1)	1	0	0
Poa alpina L.	(2)	2	0	0
P. arctica R.Br.	(1)	0	1	0
P. compressa L.	(1)	1	0	0
P. saltuensis Fern. & Wieg. var. *microlepis* Fern. & Wieg.	(1)	1	0	0

	n	N	L	O
GRAMINEAE (Concl'd.)				
Schizachne purpurascens (Torr.) Swallen	(3)	2	0	1
Sieglingia decumbens (L.) Bernh.	(3)	3	0	0
Spartina patens (Ait.) Muhl.	(1)	1	0	0
S. pectinata Link	(2)	1	1	0
Trisetum spicatum (L.) Richter	(4)	3	1	0
CYPERACEAE				
Carex abdita Bickn.	(1)	1	0	0
C. angustior Mackenz.	(8)	8	0	0
C. angustior Mackenz. cf.	(2)	2	0	0
C. aquatilis Wahlenb.	(10)	10	0	0
C. aquatilis Wahlenb. var. *stans* (Drej.) Hult.	(2)	0	2	0
C. arctata Boott	(5)	5	0	0
C. atratiformis Britt.	(4)	4	0	0
C. atratiformis Britt. X *C. quirponensis* Fern. cf.	(1)	1	0	0
C. aurea Nutt.	(4)	4	0	0
C. bicolor Bellardi	(1)	0	1	0
C. Bigelowii Torr.	(13)	12	0	1
C. bipartita Bellardi var. *glareosa* (Wahlenb.) Polunin	(1)	1	0	0
C. brunnescens (Pers.) Poir.	(2)	2	0	0
C. brunnescens (Pers.) Poir. var. *sphaerostachya* (Tuckerm.) Kukenth.	(1)	1	0	0
C. Buxbaumii Wahlenb.	(13)	12	0	1
C. canescens L.	(4)	4	0	0
C. canescens L. var. *disjuncta* Fern.	(1)	1	0	0
C. canescens L. var. *subloliacea* Laestad.	(3)	2	1	0
C. capillaris L.	(3)	2	0	1
C. capitata L.	(1)	1	0	0
C. castanea Wahlenb.	(3)	3	0	0
C. cephalantha (Bailey) Bickn.	(7)	7	0	0
C. Crawfordii Fern.	(1)	1	0	0
C. crinata Lam.	(5)	5	0	0
C. crinata Lam. var. *gynandra* (Schwein.) Schwein. & Torr.	(2)	2	0	0
C. debilis Michx.	(2)	2	0	0
C. debilis Michx. var. *Rudgei* Bailey	(4)	4	0	0
C. deflexa Hornem.	(8)	8	0	0
C. demissa Hornem.	(6)	6	0	0

	n	N	L	O
CYPERACEAE (Cont'd.)				
Carex Deweyana Schwein.	(1)	1	0	0
C. diandra Schrank	(3)	3	0	0
C. disperma Dew.	(2)	2	0	0
C. eburnea Boott	(4)	4	0	0
C. echinata Murr.	(11)	10	0	1
C. exilis Dew.	(5)	5	0	0
C. flava L.	(12)	12	0	0
C. flava L. var. *fertilis* Peck	(1)	1	0	0
C. folliculata L.	(7)	7	0	0
C. glacialis Mackenz.	(1)	1	0	0
C. glacialis Mackenz. var. *terrae-novae* (Fern.) Boiv.	(2)	2	0	0
C. gracillima Schwein.	(3)	3	0	0
C. gynocrates Wormsk.	(7)	7	0	0
C. hormathodes Fern.	(1)	1	0	0
C. Hostiana DC.	(2)	0	0	2
C. Houghtonii Torr.	(2)	2	0	0
C. interior Bailey	(10)	10	0	0
C. interior Bailey cf.	(1)	1	0	0
C. intumescens Rudge	(3)	3	0	0
C. lasiocarpa Ehrh.	(3)	3	0	0
C. lasiocarpa Ehrh. var. *americana* Fern.	(5)	5	0	0
C. lenticularis Michx.	(5)	5	0	0
C. lepidocarpa Tausch	(8)	8	0	0
C. leporina L.	(5)	4	0	1
C. leptalea Wahlenb.	(2)	2	0	0
C. leptonervia Fern.	(1)	1	0	0
C. limosa L.	(11)	10	0	1
C. livida (Wahlenb.) Willd.	(11)	11	0	0
C. livida (Wahlenb.) Willd. var. *Grayana* (Dew.) Fern.	(1)	1	0	0
C. Michauxiana Boeckl.	(7)	7	0	0
C. microglochin Wahlenb.	(1)	1	0	0
C. nigra (L.) Reichard	(13)	12	1	0
C. nigra (L.) Reichard var. *strictiformis* (Bailey) Fern.	(1)	1	0	0
C. oligosperma Michx.	(9)	9	0	0
C. paleacea Wahlenb.	(1)	1	0	0
C. pallescens L.	(1)	1	0	0
C. pallescens L. var. *neogaea* Fern.	(1)	1	0	0
C. panicea L.	(1)	0	0	1

	n	W	L	O
CYPERACEAE (Cont'd.)				
Carex pauciflora Lightf.	(3)	3	0	0
C. paupercula Michx.	(5)	5	0	0
C. pedunculata Muhl.	(2)	2	0	0
C. projecta Mackenz.	(1)	1	0	0
C. rariflora (Wahlenb.) Sm.	(9)	9	0	0
C. rostrata Stokes	(8)	8	0	0
C. rostrata Stokes var. *utriculata* (Boott) Bailey	(2)	2	0	0
C. rupestris Bellardi	(4)	4	0	0
C. salina Wahlenb.	(1)	1	0	0
C. salina Wahlenb. var. *subspathacea* (Wormskj.) Tuckerm.	(1)	0	1	0
C. saxatilis L.	(5)	4	1	0
C. saxatilis L. var. *miliaris* (Michx.) Bailey	(12)	10	2	0
C. saxatilis L. var. *rhomalea* Fern.	(1)	0	1	0
C. scabrata Schwein.	(1)	0	0	1
C. scirpoidea Michx.	(8)	8	0	0
C. scoparia Schkuhr	(3)	3	0	0
C. scoparia Schkuhr forma *condensa* (Fern.) Kukenth.	(1)	1	0	0
C. scoparia Schkuhr forma *subturbinata* (Fern. & Wieg.) Fern.	(1)	1	0	0
C. serotina Merat	(4)	4	0	0
C. silicea Olney	(1)	1	0	0
C. stipata Muhl.	(3)	3	0	0
C. stylosa C.A. Mey.	(3)	3	0	0
C. stylosa C.A. Mey. var. *nigritella* (Drej.) Fern.	(1)	0	1	0
C. tenuiflora Wahlenb.	(4)	4	0	0
C. torta Boott	(2)	0	0	2
C. trisperma Dew.	(8)	8	0	0
C. vaginata Tausch	(6)	6	0	0
C. vesicaria L.	(1)	1	0	0
C. vesicaria L. var. *distenta* Fries cf.	(1)	1	0	0
C. vesicaria L. var. *jejuna* Fern.	(1)	1	0	0
C. vesicaria L. var. *laurentiana* Fern.	(1)	1	0	0
C. viridula Michx.	(4)	4	0	0
C. viridula Michx. forma *clandestina* Ray.	(2)	2	0	0
C. Wiegandii Mackenz.	(3)	3	0	0
C. x neofilipendula Lepage	(1)	1	0	0
Dulichium arundinaceum (L.) Britt.	(5)	5	0	0

	n	N	L	O
CYPERACEAE (Concl'd.)				
Eleocharis acicularis (L.) R. & S.	(1)	1	0	0
E. halophila Fern. & Brack.	(1)	1	0	0
E. nitida Fern.	(1)	1	0	0
E. palustris (L.) R. & S.	(2)	2	0	0
E. parvula (R. & S.) Link	(1)	1	0	0
Eriophorum angustifolium Honckeny	(8)	8	0	0
E. angustifolium Honckeny var. *majus* Schultz	(1)	0	1	0
E. Chamissonis C.A. Mey.	(2)	2	0	0
E. opacum (Bjornstr.) Fern.	(1)	1	0	0
E. spissum Fern.	(9)	8	1	0
E. spissum Fern. var. *erubescens* Fern.	(3)	3	0	0
E. tenellum Nutt.	(4)	3	1	0
E. virginicum L.	(6)	6	0	0
E. viridi-carinatum (Engelm.) Fern.	(10)	10	0	0
Kobresia simpliciuscula (Wahlenb.) Mackenz.	(4)	4	0	0
Rhynchospora alba (L.) Vahl	(6)	6	0	0
R. fusca (L.) Ait.f	(6)	6	0	0
Scirpus acutus Muhl.	(2)	2	0	0
S. americanus Pers.	(3)	3	0	0
S. atrocinctus Fern.	(9)	8	1	0
S. atrovirens Willd. var. *georgianus* (Harper) Fern.	(1)	1	0	0
S. cespitosus L.	(6)	6	0	0
S. cespitosus L. var. *callosus* Bigel	(1)	1	0	0
S. hudsonianus (Michx.) Fern.	(8)	8	0	0
S. maritimus L.	(1)	1	0	0
S. rubrotinctus Fern.	(5)	4	1	0
S. rufus (Huds.) Schrad. var. *neogaeus* Fern.	(1)	1	0	0
S. subterminalis Torr.	(1)	1	0	0
S. validus Vahl var. *creber* Fern.	(1)	1	0	0
ARACEAE				
Calla palustris L.	(1)	1	0	0
XYRIDACEAE				
Xyris montana Ries	(2)	2	0	0

	n	N	L	O
ERIOCAULACEAE				
Eriocaulon septangulare With.	(5)	5	0	0
JUNCACEAE				
Juncus albescens (Lange) Fern.	(3)	3	0	0
J. alpinus Vill.	(1)	1	0	0
J. articulatus L.	(5)	5	0	0
J. balticus Willd.	(2)	2	0	0
J. brevicaudatus (Engelm.) Fern.	(3)	3	0	0
J. bufonius L.	(1)	1	0	0
J. bufonius L. var. *halophilus* Buchenau & Fern.	(1)	1	0	0
J. bulbosus L.	(4)	4	0	0
J. canadensis J. Gay	(7)	7	0	0
J. Dudleyi Wieg.	(1)	1	0	0
J. effusus L.	(3)	3	0	0
J. effusus L. var. *compactus* Lej. & Court.	(1)	1	0	0
J. filiformis L.	(3)	3	0	0
J. militaris Bigel	(3)	3	0	0
J. nodosus L.	(2)	2	0	0
J. pelocarpus Mey.	(2)	2	0	0
J. stygius L.	(1)	0	1	0
J. stygius L. var. *americanus* Buchenau	(2)	2	0	0
J. tenuis Willd.	(3)	3	0	0
J. trifidus L.	(6)	6	0	0
Luzula campestris (L.) DC.	(4)	4	0	0
L. parviflora (Ehrh.) Desv.	(5)	5	0	0
L. spicata (L.) DC.	(4)	4	0	0
LILIACEAE				
Allium Schoenoprasum L.	(1)	1	0	0
Clintonia borealis (Ait.) Raf.	(6)	5	1	0
Maianthemum canadense Desf.	(6)	4	2	0
Smilacina racemosa (L.) Desf.	(2)	2	0	0
S. stellata (L.) Desf. var. *crassa* Vict.	(1)	1	0	0
S. trifolia (L.) Desf.	(10)	9	1	0
Streptopus amplexifolius (L.) DC.	(5)	3	2	0
S. amplexifolius (L.) DC. var. *americanus* Schultes	(1)	0	1	0

	n	W	L	O
LILIACEAE (Concl'd.)				
Streptopus roseus Michx.	(1)	1	0	0
S. roseus Michx. var. *perpectus* Fassett	(1)	1	0	0
Tofieldia glutinosa (Michx.) Pers.	(7)	7	0	0
T. pusilla (Michx.) Pers.	(5)	5	0	0
Trillium cernuum L.	(3)	3	0	0
IRIDACEAE				
Iris Hookeri Penny	(1)	0	1	0
I. versicolor L.	(4)	3	1	0
Sisyrinchium montanum Greene	(2)	2	0	0
ORCHIDACEAE				
Arethusa bulbosa L.	(6)	6	0	0
Calopogon pulchellus (Salisb.) R. Br.	(3)	3	0	0
Corallorhiza maculata Raf.	(3)	3	0	0
C. trifida Chatelain	(4)	4	0	0
Cypripedium acaule Ait.	(4)	4	0	0
C. Calceolus L.	(1)	1	0	0
C. reginae Walt.	(2)	2	0	0
Goodyera repens (L.) R. Br.	(3)	3	0	0
Habenaria blephariglottis (Willd.) Hook.	(6)	6	0	0
H. clavellata (Michx.) Spreng.	(6)	6	0	0
H. clavellata (Michx.) Spreng. var. *ophioglossoides* Fern.	(1)	1	0	0
H. dilatata (Pursh) Hook.	(10)	9	1	0
H. fimbriata (Ait.) R. Br.	(1)	1	0	0
H. hyperborea (L.) R. Br.	(3)	3	0	0
H. lacera (Michx.) Lodd.	(2)	2	0	0
H. lacera (Michx.) Lodd. var. *terrae-novae* Fern.	(1)	1	0	0
H. obtusata (Pursh) Richards.	(9)	7	2	0
H. orbiculata (Pursh) Torr.	(5)	5	0	0
H. psycodes (L.) Spreng.	(6)	6	0	0
H. viridis (L.) R. Br.	(2)	2	0	0
H. viridis (L.) R. Br. var. *bracteata* (Muhl.) Gray	(1)	1	0	0
Listera auriculata Wieg.	(1)	1	0	0
L. convallarioides (Sw.) Nutt.	(4)	4	0	0
L. cordata (L.) R. Br.	(6)	5	1	0

	n	M	L	O
ORCHIDACEAE (Concl'd.)				
Malaxis unifolia Michx.	(2)	2	0	0
Orchis rotundifolia Banks	(1)	1	0	0
Pogonia ophioglossoides (L.) Ker	(6)	6	0	0
Spiranthes Romanzoffiana Cham.	(4)	4	0	0
SALICACEAE				
Populus balsamifera L.	(2)	1	1	0
P. tremuloides Michx.	(2)	1	1	0
Salix arctica Pallas	(3)	3	0	0
S. arctica Pallas var. *kophophylla* (Schneid.) Polunin	(1)	1	0	0
S. arctophila Cockerell	(2)	0	0	2
S. argyrocarpa Anderss.	(1)	0	1	0
S. Bebbiana Sarg.	(3)	3	0	0
S. brachycarpa Nutt.	(2)	0	0	2
S. calcicola Fern. & Wieg.	(1)	1	0	0
S. candida Flugge	(5)	5	0	0
S. cordifolia Pursh	(5)	3	2	0
S. cordifolia Pursh var. *callicarpaea* (Trautv.) Fern.	(1)	1	0	0
S. cordifolia Pursh var. *tonsa* Fern.	(1)	1	0	0
S. discolor Muhl.	(3)	3	0	0
S. glauca L. ssp. *callicarpaea* (Trautv.) Fern.	(4)	4	0	0
S. glaucophylloides Fern.	(3)	3	0	0
S. glaucophylloides Fern. x *S. discolor* Muhl.	(1)	1	0	0
S. herbacea L.	(3)	0	2	1
S. humilis Marsh.	(3)	2	1	0
S. lucida Muhl.	(1)	1	0	0
S. lucida Muhl. var. *intonsa* Fern.	(1)	1	0	0
S. pedicellaris Pursh	(2)	2	0	0
S. pellita Anderss.	(3)	3	0	0
S. planifolia Pursh	(4)	2	2	0
S. reticulata L.	(1)	0	1	0
S. rigida Muhl.	(1)	1	0	0
S. Uva-ursi Pursh	(6)	4	1	1
S. vestita Pursh	(4)	4	0	0
S. viminalis L.	(1)	1	0	0
S. x Grayi Schneid.	(1)	0	1	0
S. x rigida Muhl.	(1)	1	0	0

	n	N	L	O
MYRICACEAE				
Myrica Gale L.	(8)	7	1	0
M. Gale L. var. *subglabra* (Chev.) Fern.	(1)	0	1	0
M. pensylvanica Loisel.	(1)	0	0	1
CORYLACEAE				
Alnus crispa (Ait.) Pursh	(8)	6	2	0
A. crispa (Ait.) Pursh var. *mollis* Fern.	(1)	0	1	0
A. rugosa (Du Roi) Spreng.	(3)	3	0	0
A. rugosa (Du Roi) Spreng. var. *americana* (Regel) Fern.	(3)	1	2	0
Betula alleghaniensis Britt.	(1)	1	0	0
B. borealis Spach	(6)	6	0	0
B. glandulosa Mickx.	(13)	5	5	3
B. lutea Michx.f.	(3)	3	0	0
B. Michauxii Spach	(9)	8	1	0
B. minor (Tuckerm.) Fern.	(11)	6	3	2
B. nana L.	(1)	0	0	1
B. papyrifera Marsh.	(18)	17	1	0
B. papyrifera Marsh. var. *cordifolia* (Regel) Fern.	(3)	3	0	0
B. populifera Marsh	(1)	0	0	1
B. pumila L.	(14)	14	0	0
B. pumila L. var. *glandulifera* Regel	(2)	2	0	0
B. pumila L. var. *renifolia* Fern.	(5)	3	2	0
B. tortuosa Ledeb.	(1)	0	0	1
Corylus cornuta Marsh.	(2)	2	0	0
URTICACEAE				
Urtica viridis Rydb.	(1)	1	0	0
SANTALACEAE				
Comandra Richardsiana Fern.	(1)	1	0	0
Geocaulon lividum (Richards.) Fern.	(6)	3	3	0

	n	N	L	O
POLYGONACEAE				
Oxyria digyna (L.) Hill	(2)	0	2	0
Polygonum viviparum L.	(8)	7	1	0
P. viviparum L. forma *florigerum* G. Beck	(1)	1	0	0
Rumex Acetosella L.	(2)	2	0	0
R. crispus L.	(1)	1	0	0
R. obtusifolius L.	(1)	1	0	0
CHENOPODIACEAE				
Atriplex patula L.	(1)	1	0	0
Chenopodium rubrum L.	(1)	1	0	0
PORTULACACEAE				
Claytonia caroliniana Michx.	(4)	4	0	0
Montia rivularis Gmel.	(2)	2	0	0
CARYOPHYLLACEAE				
Arenaria dawsonensis Britt.	(1)	1	0	0
A. groenlandica (Retz.) Spreng.	(2)	1	1	0
A. humifusa Wahlenb.	(2)	2	0	0
A. lateriflora L.	(1)	1	0	0
A. marcescens Fern.	(7)	6	0	1
A. peploides L.	(3)	1	2	0
A. peploides L. var. *diffusa* Hornem.	(1)	1	0	0
A. peploides L. var. *robusta* Fern.	(1)	1	0	0
A. rubella (Wahlenb.) Sm.	(2)	1	0	1
Cerastium arcticum Lange	(2)	0	2	0
C. arvense L.	(4)	3	0	1
C. vulgatum L.	(2)	2	0	0
Lychnis alpina L.	(3)	3	0	0
Silene acaulis L. var. *excapa* (All.) DC.	(2)	2	0	0
Spergula arvensis L.	(1)	1	0	0
Spergularia canadensis (Pers.) Don	(1)	1	0	0
S. rubra (L.) J. & C. Presl.	(1)	1	0	0
Stellaria calycantha (Ledeb.) Bong.	(3)	3	0	0

	n	W	L	O
CARYOPHYLLACEAE (Concl'd.)				
Stellaria graminea L.	(2)	2	0	0
S. humifusa Rottb.	(1)	1	0	0
S. longipes Goldie	(2)	2	0	0
NYMPHACEAE				
Nuphar microphyllum (Pers.) Fern.	(1)	1	0	0
N. variegatum Engelm.	(4)	4	0	0
Nymphaea odorata Ait.	(5)	5	0	0
RANUNCULACEAE				
Actaea pachypoda Ell.	(1)	1	0	0
A. rubra (Ait.) Willd.	(6)	5	1	0
Anemone multifida Poir.	(1)	1	0	0
A. parviflora Michx.	(3)	3	0	0
Caltha palustris L.	(1)	1	0	0
Coptis groenlandica (Oeder) Fern.	(5)	4	1	0
Ranunculus abortivus L.	(3)	3	0	0
R. acris L.	(1)	1	0	0
R. Cymbalaria Pursh	(2)	2	0	0
R. lapponicus L.	(3)	1	2	0
R. pensylvanicus L.f.	(1)	0	1	0
R. repens L.	(6)	6	0	0
R. reptans L.	(4)	4	0	0
R. trichophyllus Chaix	(3)	3	0	0
Thalictrum alpinum L.	(4)	4	0	0
T. dioicum L.	(1)	1	0	0
T. polygamum Muhl.	(4)	4	0	0
PAPAVERACEAE				
Corydalis sempervirens (L.) Pers.	(1)	1	0	0
Papaver radicatum Rottb.	(1)	0	1	0

	n	N	L	O
CRUCIFERAE				
Arabis alpina L.	(1)	1	0	0
Barbarea vulgaris R. Br.	(1)	1	0	0
Cakile edentula (Bigel) Hook.	(1)	1	0	0
Cardamine flexuosa With.	(2)	2	0	0
C. pensylvanica Muhl.	(2)	2	0	0
C. pratensis L. var. *palustris* Wimm. & Grab.	(1)	1	0	0
Cochlearia tridactylites Banks	(1)	1	0	0
Draba incana L. var. *confusa* (Ehrh.) Lilj.	(1)	1	0	0
D. norvegica Gunn. var. *hebecarpa* (Lindbl.) O.E. Schulz.	(1)	1	0	0
Lesquerella Purshii (S. Wats.) Fern.	(1)	1	0	0
Subularia aquatica L.	(1)	1	0	0
SARRACENIACEAE				
Sarracenia purpurea L.	(5)	5	0	0
S. purpurea L. forma *heterophylla* (Eat.) Fern.	(1)	1	0	0
DROSERACEAE				
Drosera anglica Huds.	(3)	3	0	0
D. intermedia Hayne	(6)	6	0	0
D. rotundifolia L.	(9)	9	0	0
CRASSULACEAE				
Sedum Rosea (L.) Scop.	(3)	2	1	0
SAXIFRAGACEAE				
Mitella nuda L.	(6)	4	2	0

	n	N	L	O
SAXIFRAGACEAE (Concl'd.)				
Parnassia glauca Raf.	(1)	1	0	0
P. Kotzebuei Cham.	(1)	0	1	0
P. palustris L. var. *neogaea* Fern.	(1)	1	0	0
P. parviflora DC.	(1)	1	0	0
Ribes glandulosum Grauer	(6)	5	1	0
R. hirtellum Michx.	(3)	3	0	0
R. lacustre (Pers.) Poir.	(4)	2	2	0
R. triste Pall.	(1)	1	0	0
Saxifraga aizoides L.	(3)	3	0	0
S. Aizoon Jacq.	(1)	1	0	0
S. cernua L.	(1)	0	1	0
S. cespitosa L.	(1)	1	0	0
S. oppositifolia L.	(3)	3	0	0
ROSACEAE				
Agrimonia striata Michx.	(3)	3	0	0
Alchemilla minor Huds.	(1)	1	0	0
A. pratensis F.W. Schmidt	(2)	2	0	0
Amelanchier Bartramiana (Tausch) Roemer	(7)	5	2	0
A. Bartramiana (Tausch) Roemer cf.	(1)	1	0	0
A. laevis Wieg.	(1)	1	0	0
Dryas Drummondii Richards.	(2)	2	0	0
D. integrifolia Vahl	(5)	4	1	0
D. integrifolia Vahl forma *canescens* (Simmons) Fern.	(1)	1	0	0
Fragaria virginiana Duchesne	(1)	1	0	0
Geum macrophyllum Willd.	(2)	2	0	0
G. rivale L.	(5)	5	0	0
Potentilla anserina L.	(5)	4	1	0
P. Crantzii (Crantz) G. Beck	(1)	0	1	0
P. fruticosa L.	(9)	8	1	0
P. fruticosa L. var. *tenuifolia* Lehm.	(1)	1	0	0
P. norvegica L.	(1)	1	0	0
P. palustris (L.) Scop.	(1)	0	1	0
P. tridentata Ait.	(5)	5	0	0
Prunus pensylvanica L.f.	(5)	4	1	0
Pyrus arbutifolia (L.) L.f. var. *atropurpurea* (Br. H.) Rob.	(1)	1	0	0
P. decora (Sarg.) Hyland	(1)	1	0	0

	n	M	L	O
ROSACEAE (Concl'd.)				
Pyrus floribunda Lindl.	(9)	9	0	0
P. melanocarpa (Michx.) Willd.	(1)	1	0	0
Rosa nitida Willd.	(7)	7	0	0
R. virginiana Mill.	(1)	1	0	0
Rubus acaulis Michx.	(4)	3	1	0
R. amicalis Blanch.	(4)	3	0	1
R. arcticus L.	(6)	4	2	0
R. canadensis L.	(2)	2	0	0
R. canadensis L. cf.	(1)	1	0	0
R. Chamaemorus L.	(7)	7	0	0
R. pubescens Raf.	(6)	4	2	0
R. vermontanus Blanch.	(1)	1	0	0
Sanguisorba canadensis L.	(5)	4	1	0
Sibbaldia procumbens L.	(1)	0	1	0
Sorbus americana Marsh.	(1)	1	0	0
S. decora (Sarg.) Schneid	(2)	2	0	0
Spiraea latifolia (Ait.) Borkh.	(7)	7	0	0
LEGUMINOSAE				
Astragalus eucosmus Robins	(1)	1	0	0
Hedysarum alpinum L.	(1)	1	0	0
Lathyrus japonicus Willd.	(4)	2	2	0
L. palustris L.	(4)	3	1	0
Oxytropis foliolosa Hook.	(5)	5	0	0
Trifolium agrarium L.	(2)	2	0	0
T. hybridum L.	(2)	2	0	0
T. pratense L.	(1)	1	0	0
Vicia Cracca L.	(2)	2	0	0
V. Cracca L. forma *albida* (Peterm.) Gams	(1)	1	0	0
OXALIDACEAE				
Oxalis europaea Jord. forma *pilosella* Wieg.	(1)	1	0	0
O. montana Raf.	(1)	1	0	0

	n	M	L	O
GERANIACEAE				
Geranium Robertianum L.	(1)	1	0	0
EMPETRACEAE				
Corema Conradii Torr.	(1)	0	0	1
Empetrum atropurpureum Fern. & Wieg.	(2)	2	0	0
E. Eamesii Fern. & Wieg.	(8)	8	0	0
E. hermaphroditum Hag.	(2)	2	0	0
E. nigrum L.	(17)	15	2	0
AQUIFOLIACEAE				
Ilex verticillata (L.) Gray	(3)	3	0	0
Nemopanthus mucronata (L.) Trel.	(7)	7	0	0
ACERACEAE				
Acer rubrum L.	(4)	4	0	0
A. spicatum Lam.	(9)	9	0	0
BALSAMINACEAE				
Impatiens capensis Meerb.	(2)	2	0	0
RHAMNACEAE				
Rhamnus alnifolia L'Her.	(4)	4	0	0

	n	N	L	O
GUTTIFERAE				
Hypericum boreale (Britt.) Bickn.	(1)	1	0	0
H. canadense L.	(1)	1	0	0
H. virginicum L.	(3)	3	0	0
H. virginicum L. var. *Fraseri* (Spach) Fern.	(1)	1	0	0
CISTACEAE				
Hudsonia ericoides L.	(1)	1	0	0
H. tomentosa Nutt.	(1)	0	1	0
VIOLACEAE				
Viola cucullata Ait.	(8)	8	0	0
V. cucullata Ait. cf.	(1)	1	0	0
V. incognita Brainerd	(2)	1	1	0
V. pallens (Banks) Brainerd	(3)	2	1	0
V. palustris L.	(2)	2	0	0
V. renifolia Gray	(2)	2	0	0
V. renifolia Gray var. *Brainerdii* (Greene) Fern.	(1)	1	0	0
V. septentrionalis Greene	(1)	1	0	0
V. tricolor L.	(1)	1	0	0
ELEAGNACEAE				
Shepherdia canadensis (L.) Nutt.	(5)	5	0	0
ONAGRACEAE				
Circaea alpina L.	(5)	5	0	0
Epilobium alpinum L.	(1)	1	0	0

	n	N	L	O
ONAGRACEAE (Concl'd.)				
Epilobium anagallidifolium Lam.	(1)	0	1	0
E. angustifolium L.	(4)	3	1	0
E. angustifolium L. forma *albiflorum* (Dumort) Haussk.	(1)	1	0	0
E. glandulosum Lehm. var. *cardiophyllum* Fern.	(1)	1	0	0
E. latifolium L.	(1)	1	0	0
E. leptophyllum Raf.	(1)	1	0	0
E. palustre L.	(2)	2	0	0
Oenothera biennis L.	(2)	2	0	0
O. perennis L.	(1)	1	0	0
HALORAGACEAE				
Myriophyllum alterniflorum DC.	(1)	1	0	0
M. exalbescens Fern.	(1)	1	0	0
M. tenellum Bigel.	(3)	3	0	0
M. verticillatum L. cf.	(1)	1	0	0
HIPPURIDACEAE				
Hippuris vulgaris L.	(2)	2	0	0
ARALIACEAE				
Aralia hispida Vent.	(1)	1	0	0
A. nudicaulis L.	(2)	2	0	0
UMBELLIFERAE				
Angelica laurentiana Fern.	(2)	2	0	0
Cicuta bulbifera L.	(2)	2	0	0

	n	N	L	O
UMBELLIFERAE (Concl'd.)				
Conioselinum chinense (L.) BSP.	(6)	6	0	0
C. chinense (L.) BSP. cf.	(1)	1	0	0
C. pumilum Rose	(3)	2	0	1
C. sp.	(2)	2	0	0
Ligusticum scothicum L.	(2)	2	0	0
Osmorhiza chilensis H. & A.	(2)	1	0	1
O. obtusa (C. & R.) Fern.	(1)	1	0	0
Sanicula marilandica L.	(1)	1	0	0
CORNACEAE				
Cornus canadensis L.	(10)	9	1	0
C. stolonifera Michx.	(3)	2	1	0
C. suecica L.	(4)	4	0	0
PYROLACEAE				
Chimaphila umbellata (L.) Bart.	(1)	1	0	0
Moneses uniflora (L.) Gray	(8)	4	4	0
Monotropa Hypopithys L.	(1)	1	0	0
M. uniflora L.	(3)	3	0	0
Pyrola asarifolia Michx.	(2)	2	0	0
P. asarifolia Michx. var. *incarnata* (Fisch.) Fern.	(1)	1	0	0
P. grandiflora Radius	(1)	0	1	0
P. minor L.	(5)	2	3	0
P. rotundifolia L.	(8)	8	0	0
P. secunda L.	(6)	5	1	0
P. virens Schweigger	(3)	0	3	0
ERICACEAE				
Andromeda glaucophylla Link	(9)	8	1	0
Arctostaphylos alpina (L.) Spreng.	(9)	8	1	0
A. rubra (Rehd. & Wils.) Fern.	(1)	1	0	0
A. Uva-ursi (L.) Spreng.	(6)	5	1	0

	n	N	L	O
ERICACEAE (Concl'd.)				
Cassiope hypnoides (L.) D. Don	(2)	1	1	0
Chamaedaphne calyculata (L.) Moench	(7)	6	1	0
C. calyculata (L.) Moench var. *angustifolia* (Ait.) Rehd.	(1)	1	0	0
C. calyculata (L.) Moench var. *latifolia* (Ait.) Fern.	(1)	1	0	0
Epigaea repens L.	(6)	6	0	0
E. repens L. var. *glabrifolia* Fern.	(2)	2	0	0
Gaultheria hispidula (L.) Bigel.	(6)	5	1	0
G. procumbens L.	(1)	1	0	0
Gaylussacia baccata (Wang.) K. Koch.	(4)	3	0	1
G. dumosa (Andr.) T. & G.	(5)	5	0	0
G. dumosa (Andr.) T. & G. var. *Bigeloviana* Fern.	(1)	1	0	0
Kalmia angustifolia L.	(5)	5	0	0
K. polifolia Wang.	(8)	7	1	0
Ledum groenlandicum Oeder	(12)	10	2	0
Loisleuria procumbens (L.) Desv.	(15)	15	0	0
Phyllodoce caerulea (L.) Bab.	(6)	5	1	0
Rhododendron canadense (L.) Torr.	(6)	6	0	0
R. canadense (L.) Torr. forma *albiflorum* (Rand & Redf.) Rehd.	(2)	2	0	0
R. lapponicum (L.) Wahlenb.	(3)	3	0	0
Vaccinium angustifolium Ait.	(9)	8	1	0
V. angustifolium Ait. var. *nigrum* (Wood) Dole	(1)	1	0	0
V. cespitosum Michx.	(2)	0	1	1
V. cespitosum Michx. cf.	(1)	0	1	0
V. macrocarpon Ait.	(4)	4	0	0
V. nubigenum Fern.	(1)	1	0	0
V. ovalifolium Sm.	(2)	2	0	0
V. Oxycoccus L.	(9)	9	0	0
V. uliginosum L.	(3)	1	2	0
V. uliginosum L. var. *alpinum* Bigel.	(10)	8	2	0
V. Vitis-Idaea L.	(3)	2	1	0
V. Vitis-Idaea L. var. *minus* Lodd.	(2)	1	1	0
DIAPENSIACEAE				
Diapensia lapponica L.	(8)	8	0	0

	n	N	L	O
PRIMULACEAE				
Anagallis arvensis L.	(1)	1	0	0
Glaux maritima L. var. *obtusifolia* Fern.	(2)	2	0	0
Lysimachia punctata L.	(2)	2	0	0
L. terrestris (L.) BSP.	(2)	2	0	0
L. thyrsiflora L.	(1)	1	0	0
Primula egaliksensis Wormsk.	(2)	2	0	0
P. egaliksensis Wormsk. forma *violacea* Fern.	(1)	1	0	0
P. egaliksensis Wormsk. x forma *violacea* Fern.	(1)	1	0	0
P. laurentiana Fern.	(3)	3	0	0
P. mistassinica Michx.	(3)	3	0	0
Trientalis borealis Raf.	(8)	7	1	0
PLUMBAGINACEAE				
Armeria labradorica Wallr.	(2)	2	0	0
A. labradorica Wallr. var. *submutica* (Blake) H.F. Lewis	(1)	1	0	0
OLEACEAE				
Fraxinus nigra Marsh.	(4)	4	0	0
Syringa vulgaris L.	(1)	1	0	0
GENTIANACEAE				
Gentiana arctophila Griseb.	(1)	0	1	0
G. nesophila Holm	(1)	1	0	0
Halenia deflexa (Sm.) Griseb.	(1)	1	0	0
H. deflexa (Sm.) Griseb. var. *Brentoniana* (Griseb.) Gray	(1)	1	0	0
Menyanthes trifoliata L.	(7)	6	1	0
M. trifoliata L. var. *minor* Raf.	(2)	2	0	0
Nymphoides cordata (Ell.) Fern.	(1)	1	0	0

	n	W	L	O
APOCYNACEAE				
Apocynum androsaemifolium L.	(5)	5	0	0
A. sibiricum Jacq.	(1)	1	0	0
BORAGINACEAE				
Mertensia maritima (L.) S.F. Gray	(1)	1	0	0
Myosotis scorpioides L.	(2)	2	0	0
LABIATAE				
Galeopsis Tetrahit L.	(1)	1	0	0
Lycopus uniflorus Michx.	(4)	3	1	0
Prunella vulgaris L.	(4)	4	0	0
Satureja vulgaris (L.) Fritsch	(2)	2	0	0
S. vulgaris (L.) Fritsch var. *neogaea* Fern.	(1)	1	0	0
Scutellaria epilobiifolia A. Hamilton	(3)	2	1	0
S. epilobiifolia A. Hamilton cf.	(1)	1	0	0
S. lateriflora L.	(1)	1	0	0
SCROPHULARIACEAE				
Castilleja septentrionalis Lindl.	(3)	3	0	0
Chelone glabra L.	(6)	5	1	0
Euphrasia americana Wettst.	(4)	4	0	0
E. arctica Lange	(1)	1	0	0
E. Oakesii Wettst. cf.	(1)	1	0	0
E. Randii Robins.	(1)	1	0	0
Mimulus moschatus Dougl.	(1)	1	0	0
Pedicularis flammea L.	(1)	1	0	0
P. flammea L. cf.	(1)	0	1	0
P. palustris L.	(2)	2	0	0
P. sylvatica L.	(1)	1	0	0
Rhinanthus Crista-galli L.	(6)	6	0	0
R. Crista-galli L. var. *fallax* (Wimm. & Grab.) Druce	(1)	1	0	0
Scrophularia nodosa L.	(1)	1	0	0

	n	N	L	O
SCROPHULARIACEAE (Concl'd.)				
Veronica alpina L.	(1)	0	1	0
V. alpina L. var. *unalaschensis* C. & S.	(1)	0	1	0
V. americania (Raf.) Schwein.	(1)	1	0	0
V. scutellata L.	(1)	0	1	0
V. serpyllifolia L. var. *serpyllifolia* L.	(1)	1	0	0
V. serpyllifolia L. var. *humifusa* (Dick.) Vahl	(1)	1	0	0
OROBANCHACEAE				
Orobanche terrae-novae Fern.	(4)	4	0	0
LENTIBULARIACEAE				
Pinguicula vulgaris L.	(3)	3	0	0
Utricularia cornuta Michx.	(6)	6	0	0
U. geminiscapa Benj.	(1)	1	0	0
U. intermedia Hayne	(6)	6	0	0
U. minor L.	(1)	1	0	0
U. purpurea Walt.	(1)	1	0	0
U. vulgaris L.	(1)	1	0	0
PLANTAGINACEAE				
Littorella americana Fern.	(1)	1	0	0
Plantago juncoides Lam.	(1)	1	0	0
P. juncoides Lam. var. *decipiens* (Barneoud) Fern.	(2)	2	0	0
P. juncoides Lam. var. *laurentiana* Fern.	(1)	1	0	0
P. major L.	(1)	1	0	0
P. oliganthos R. & S.	(1)	1	0	0
P. oliganthos R. & S. var. *fallax* Fern.	(1)	1	0	0

	n	N	L	O
RUBIACEAE				
Galium asprellum Michx.	(3)	3	0	0
G. kamtschaticum Steller	(4)	3	0	1
G. palustre L.	(5)	4	1	0
G. saxatile L.	(2)	2	0	0
G. trifidum L. cf.	(1)	1	0	0
G. triflorum Michx.	(4)	3	1	0
Mitchella repens L.	(1)	1	0	0
CAPRIFOLIACEAE				
Diervilla Lonicera Mill.	(6)	6	0	0
Linnaea borealis L.	(7)	4	3	0
L. borealis L. var. *americana* (Forbes) Rehd.	(1)	1	0	0
Lonicera villosa (Michx.) R. & S.	(7)	7	0	0
L. villosa (Michx.) R. & S. var. *calvescens* (Fern. & Wieg.) Fern.	(1)	1	0	0
Sambucus canadensis L.	(1)	1	0	0
Viburnum cassinoides L.	(7)	7	0	0
V. edule (Michx.) Raf.	(3)	2	1	0
V. trilobum Marsh.	(3)	3	0	0
VALERIANACEAE				
Valeriana septentrionalis Rydb.	(1)	1	0	0
V. dioica L. var. *sylvatica* (Sol.) Grey	(1)	1	0	0
CAMPANULACEAE				
Campanula giesekiana Vest.	(2)	2	0	0
C. rotundifolia L.	(7)	7	0	0
C. rotundifolia L. var. *lancifolia* Mert. & Koch	(1)	1	0	0
Lobelia Dortmanna L.	(9)	9	0	0
L. Kalmii L.	(3)	3	0	0

	n	N	L	O
COMPOSITAE				
Achillea borealis Bong.	(2)	1	1	0
A. Millefolium L.	(3)	3	0	0
Anaphalis margaritacea (L.) C.B. Clarke	(5)	4	1	0
Antennaria alpina L.	(1)	1	0	0
A. eucosma Fern. & Wieg.	(2)	2	0	0
Artemisia borealis Pall.	(1)	0	0	1
A. borealis Pall. var. *Purshii* Bess.	(1)	0	0	1
A. canadensis Michx.	(1)	1	0	0
Aster foliaceus L.	(2)	1	1	0
A. linariifolius L.	(1)	1	0	0
A. nemoralis Ait.	(5)	5	0	0
A. novi-belgii L.	(4)	4	0	0
A. puniceus L.	(3)	3	0	0
A. radula Ait.	(5)	5	0	0
A. radula Ait. var. *strictus* (Pursh) Gray	(2)	2	0	0
A. umbellatus Mill.	(1)	1	0	0
Centaurea nigra L.	(1)	1	0	0
Chrysanthemum Leucanthemum L.	(1)	1	0	0
Cirsium muticum Michx.	(2)	2	0	0
Erigeron hyssopifolius Michx.	(3)	3	0	0
E. unalaschkensis (DC.) Vierh.	(1)	1	0	0
Eupatorium maculatum L.	(2)	2	0	0
Gnaphalium supinum L.	(1)	0	1	0
Hieracium aurantiacum L.	(1)	1	0	0
H. canadense Michx.	(1)	1	0	0
H. murorum L.	(1)	1	0	0
H. Pilosella L.	(1)	1	0	0
Petasites palmatus (Ait.) Gray	(1)	1	0	0
Prenanthes trifoliolata (Cass.) Fern.	(7)	7	0	0
Rudbeckia serotina Nutt.	(1)	1	0	0
Senecio aureus L.	(2)	2	0	0
S. pauciflorus Pursh	(2)	1	1	0
S. pauperculus Michx.	(9)	9	0	0
S. Pseudo-Arnica Less.	(1)	1	0	0
Solidago graminifolia (L.) Salisb.	(2)	0	2	0
S. graminifolia (L.) Salisb. var. *Nuttallii* (Greene) Fern.	(1)	1	0	0
S. hispida Muhl. var. *arnoglossa* Fern.	(1)	1	0	0
S. lepida DC.	(1)	0	1	0

	n	N	L	O
COMPOSITAE (Concl'd.)				
Solidago macrophylla Pursh	(6)	3	3	0
S. *macrophylla* Pursh cf.	(1)	0	1	0
S. *macrophylla* Pursh var. *thyrsoidea* (Mey.) Fern.	(1)	1	0	0
S. *multiradiata* Ait.	(7)	5	2	0
S. *Purshii* Porter	(1)	1	0	0
S. *rugosa* Ait.	(4)	4	0	0
S. *rugosa* Ait. var. *villosa* (Pursh) Fern.	(1)	1	0	0
S. *uliginosa* Nutt.	(11)	11	0	0
S. *uliginosa* Nutt. var. *linoides* (T. & G.) Fern.	(1)	1	0	0
S. *uliginosa* Nutt. var. *terrae-novae* (T. & G.) Fern.	(1)	1	0	0
Taraxacum lapponicum Kihlm.	(1)	0	1	0

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